



**NATIONAL
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STATISTICS
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agrl Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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AGRICULTURAL NEWS: For the fourth week in a row temperatures averaged below normal. Temperatures averaged 59 degrees which was 5 degrees cooler than normal and 6 degrees cooler than the previous week. Patchy frost was reported across the State. Average rainfall for the week totaled 1.16 inches statewide, which is 0.34 inches above normal. **Topsoil moisture** was rated 2 percent very short, 11 percent short, 80 percent adequate and 7 percent surplus. **Subsoil moisture** was rated 3 percent very short, 19 percent short, 74 percent adequate and 4 percent surplus. There were 4.7 days out of a possible 7 that were suitable for fieldwork. Main farm activities for the week were harvesting corn, harvesting soybeans, cutting and housing tobacco, reseeding of hay fields and pastures, and general farm preparation for the coming winter months.

ROW CROPS: Corn crop condition was rated as 2 percent very poor, 7 percent poor, 36 percent fair, 47 percent good, and 8 percent excellent. Corn harvested was 57 percent, compared to 89 percent last year and 62 percent on average. Ninety-two percent of the corn acreage was considered mature, well behind the 99 percent for the previous year and the five year average of 95 percent. As the corn harvest continues, reported yields remain mixed. **Soybean** condition was rated 2 percent very poor, 9 percent poor, 39 percent fair, 42 percent good, and 8 percent excellent. Soybeans mature enough to be safe from frost damage was reported at 76 percent. Soybeans reported harvested was 10 percent, compared to 35 percent last year and 17 percent on average. Thirty-eight percent of the soybeans were considered mature, still far behind the 72 percent last year and the five year average of 52 percent. Seventy-two percent of soybeans were reported to be shedding leaves, compared to 92 percent last year and 78 percent for the five year average.

TOBACCO: No major disease problems have been reported in tobacco, but there is considerable concern about weight and quality. Burley tobacco cut was at 85 percent, compared to 94 percent last year

and 93 percent for the five year average. Dark tobacco cut, was 92 percent, which is slightly ahead of the reported 91 percent for the previous year and 90 percent for the five year average. Burley tobacco not ready for stripping was 87 percent. The amount of tobacco ready for stripping was 12 percent, while the amount of tobacco already stripped was 1 percent. The housed tobacco condition was rated at 1 percent very poor, 4 percent poor, 34 percent fair, 53 percent good, and 8 percent excellent.

OTHER CROPS AND PASTURE: Wheat: The percent of winter wheat seeded was reported at 4 percent compared to last year's 10 percent and the five year average of 6 percent. **Pasture** conditions have continued to improve due to more seasonal weather patterns. Pasture condition was reported at 3 percent very poor, 13 percent poor, 40 percent fair, 39 percent good, and 5 percent excellent.

CROP PROGRESS for week ending 10/02/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Mature	92	86	99	95
Corn Harvested	57	44	89	62
Soybeans Dropping Leaves	72	57	92	78
Soybeans Mature	38	22	72	52
Soybeans Harvested	10	3	35	17
Winter Wheat Seeded	4	NA	10	6
Burley Tobacco Cut	85	75	94	93
Dark Tobacco Cut	92	86	91	90

SOIL MOISTURE for week ending 10/02/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	2	11	80	7
Subsoil	3	19	74	4

CROP CONDITIONS for week ending 10/02/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	2	7	36	47	8
Soybeans	2	9	39	42	8
Pasture	3	13	40	39	5
Tobacco Housed	1	4	34	53	8

KENTUCKY WEATHER SUMMARY, SEPTEMBER 26 – OCTOBER 2, 2011:

Below Normal Temperature and Above Normal Rainfall:

This past week made for the fourth week in a row with below normal temperatures. For the beginning and middle part of the week temperatures were just below seasonal highs and lows; however after a cold front moved through towards the end of the week temperatures dropped sharply. Sunday morning the lowest temperatures of the season so far occurred all across the state. Lows dropped to 31 in some locations and patchy frost occurred across the Commonwealth. Most all rainfall came on Monday from a cut off low pressure system set up to the north.

Temperatures for the period averaged 59 degrees across the state which was 5 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 72 in the West to 67 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 8 degrees cooler than normal in the East. Low temperatures averaged from 49 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 4 degrees cooler than normal in the West to 1 degree cooler than normal in the East. The extreme high temperature for the period was 90 degrees at Poplar Bluff and the extreme low was 31 degrees at Liberty.

Rainfall for the period totaled 1.16 inches statewide which was 0.34 inches above normal and 141% of normal. Rainfall totals by climate division, West 0.90 inches, Central 1.40 inches, Bluegrass 1.70 inches and East 0.63 inches, which was 0.06, 0.51, 0.95 and -0.18 inches respectively from normal. By station, rainfall totals ranged from a low of 0.01 inches at Carbondale to a high of 4.21 inches at Covington.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 2, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature			Relative Humidity		
	Last Week	Since April	Last Four Wks.	Norm Since Apr 1	Norm Last 4 Wks.	High	Low	Avg.	Dev. From Normal	Average	
		1								High	Low
		(Inches)				(Degrees Fahrenheit)					
Bardstown	1.03	42.16	4.92	+17.85	+1.98	78	36	59.2	-4	95	58
Berea	0.47	30.28	5.13	+4.67	+1.48	75	35	56.7	-6	90	43
Bowling Green	1.08	34.89	6.25	+9.30	+2.83	83	38	62.1	-2	87	46
Bristol	0.11	23.23	3.09	+1.57	+0.10	87	43	61.7	-1	84	43
Buckhorn Lake	0.93	37.41	4.78	+13.07	+1.43	72	33	56.4	-6	86	45
Cape Girardeau	0.00	45.43	8.31	+21.55	+5.02	87	35	60.0	-6	94	48
Campbellsville	1.47	34.87	6.13	+6.00	+1.91	77	34	57.8	-6	95	53
Covington	4.21	42.65	6.98	+20.13	+4.30	74	36	56.4	-6	88	47
Cumberland Gap	0.31	32.15	5.92	+6.11	+3.04	79	36	59.4	-3	84	43
Dix Dam	0.95	37.16	7.06	+12.08	+3.92	76	36	57.6	-5	86	48
Evansville	0.78	41.72	7.35	+19.15	+4.59	85	38	60.7	-5	78	48
Glasgow	0.61	34.46	4.45	+6.83	+0.88	81	36	60.3	-3	95	45
Grayson	0.61	39.00	4.93	+15.72	+2.35	73	33	55.9	-7	95	52
Hardinsburg	2.41	42.13	5.09	+16.76	+1.73	82	36	58.6	-5	97	47
Henderson	1.57	38.56	7.14	+15.06	+3.96	85	36	60.2	-6	78	48
Huntington	0.61	35.38	4.02	+11.96	+1.40	80	36	57.5	-5	93	47
Jackson	0.25	34.67	3.20	+9.30	-0.04	78	38	57.9	-5	86	48
Lexington	0.94	36.54	4.95	+12.23	+2.01	75	36	57.0	-6	86	48
London	0.61	33.82	4.96	+10.29	+1.77	75	35	57.9	-5	93	47
Louisville	3.36	40.46	5.73	+16.77	+2.82	81	41	60.9	-3	82	44
Mayfield	0.20	34.03	2.91	+8.08	-0.76	87	34	60.1	-6	95	52
Nashville	0.30	28.36	5.18	+4.53	+2.06	84	40	62.8	-1	93	47
Nolin Lake	2.39	41.26	5.18	+14.11	+1.32	80	37	58.4	-5	95	45
Paducah	0.12	42.84	5.74	+17.43	+2.35	85	40	61.6	-4	86	48
Princeton	1.44	38.76	3.85	+13.32	+0.77	83	37	59.1	-7	95	52
Quicksand	0.29	34.43	3.55	+9.06	+0.31	80	37	58.8	-4	95	52
Somerset	0.52	28.44	4.85	+1.76	+1.17	77	31	57.9	-5	94	48
Spindletop	0.79	36.39	4.50	+12.08	+1.56	75	35	56.1	-6	92	54
Williamstown	1.97	36.12	5.49	+12.15	+2.53	74	37	56.0	-7	95	52